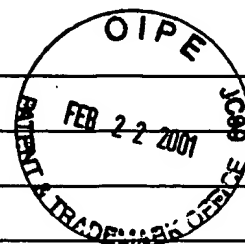


INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)



Atty. Docket No.	7681.0010-01	Serial No.	09/650,194
Applicant	Keith CAMPBELL et al.		
Filing Date	August 29, 2000	Group	1632

U.S. PATENT DOCUMENTS

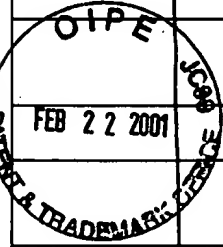

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
de	5,496,720	03/05/96	Susko-Parrish et al.	/	/	
de	5,523,226	6/4/96	Wheeler	/	/	5/14/93
de	5,480,772	1/2/96	Wangh	/	/	2/3/93

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
de	2,059,199	07/11/93	Canada			
	2,092,258	03/23/93	Canada			
	GB 2,265,909	10/13/93	United Kingdom			
	WO A94/06422	3/31/94	PCT			
	WO 94/18344	08/18/94	PCT			
	WO A95/0375	2/9/95	PCT			
	WO A95/03795	2/9/95	PCT			
	WO 96/07732	9/5/95	PCT			
de	WO 99/36510	7/22/99	PCT			

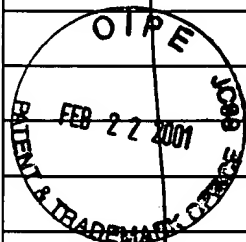
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

de	Bradley, <i>Biotechnology</i> 10:534-539 (1992).
	Briggs & King, <i>Proc. Natl. Acad. Sci USA</i> 38 455-461 (1952).
	Bromhall, J.D., Nuclear transplantation in the rabbit egg, <i>Nature</i> , Vol. 258, No. 5537, pp. 719-722, 12/25/75.
	Campbell, <i>Biol. Reprod.</i> 50 1385-1393 (1994).
	Campbell, <i>Therio.</i> 43 181 (1995).
✓	Campbell, <i>J. Reprod. Fertil.</i> Abstract Series 5 31 (1995) Abstract No. 86.

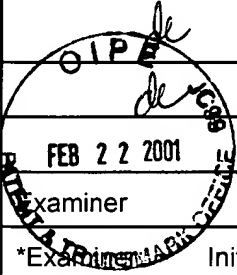
	<p>Campbell, K.H.S. et al., "Live Lambs by Nuclear Transfer From an Established Cell Line", <i>Theriogenology</i> 45(1) 1996, 287, ISSN: 0083-691X.</p>
	<p>Campbell, K.H.S. et al., "Nuclear-cytoplasmic interactions during the first cycle of nuclear transfer reconstructed bovine embryos: implications from desoxyribonucleic acid replication and development", <i>Biology of Reproduction</i>, vol. 49, no. 1, November 1993, pages 933-942.</p>
	<p>Campbell, K.H.S. et al., "Sheep Cloned by Nuclear Transfer From A Cultured Cell Line", <i>Nature</i>, Vol. 380, March 7, 1996, page 64.</p>
	<p>Campbell &amp; Wilmut, <i>Vth World Congress on Genetics as Applied to Livestock</i> 20 180-187 (1994).</p>
	<p>Collas, P. et al., "Factors affecting the efficiency of nuclear transplantation in the rabbit embryo", <i>Biology of Reproduction</i>, vol. 43, no. 5, November 1990, pages 877-884.</p>
	<p>Collas et al., <i>Biol. Reprod.</i>, 46 501-511 (1992).</p>
	<p>Collas et al. <i>Mol. Reprod. &amp; Devel.</i>, 38 264-267 (1994).</p>
	<p>Collas &amp; Robl, <i>Biol. Reprod.</i>, 45 455-465 (1991).</p>
	<p>Cutbertson &amp; Cobbold, <i>Nature</i> 316 541-542 (1985).</p>
	<p>Czolowska, R. et al., "Behavior of thymocyte nuclei in non-activated and activated mouse oocytes", <i>Journal of Cell Science</i>, vol 69, 1984, see page 27, line 1-page 33, line 3; table 1.</p>
	<p>Delhaise et al., <i>Reprod. Fertility</i>, 7 1217-1219 (1995).</p>
	<p>Esikov, <i>Development</i> 109 322-328 (1990) [Copyright Protected - Not provided herein].</p>
	<p>Finch, <i>Biochem Soc. Trans.</i> 24 369S (1996).</p>
	<p>Freeman &amp; Beitz, In Symposium on Cloning Mammals by Nuclear Transplantation (Seidel, GE Jr. ed.) 17-20 <i>Colorado State University, Colorado</i> (1992).</p>
	<p>Fulka et al. (1998) <i>BioEssays</i> 20, 847-851.</p>
	<p>Gardner, <i>Biology of Reproduction</i> 50 390-400 (1994).</p>
	<p>Greaham, C.F., "The fusion of cells with one-and two-cell mouse embryo", <i>The Wistar Institute Symposium Monograph</i>, vol. 9, January 1, 1969.</p>
	<p>Gurdon, QJ Microsc. Soc. 101 299-311 (1960).</p>
	<p>Hope, P.C., &amp; Illmensee, K., <i>Proc. Nat'l Acad. Sci. USA</i> 74 5657-5661 (1977).</p>
	<p>Hoppe, P.C., &amp; Illmensee, K. <i>Proc. Nat'l Acad. Sci. USA</i> 79 1912-1916 (1982).</p>
	<p>Howlett &amp; Bolton, <i>J. Embryol. Exp. Morpho.</i> 87 175-206 [Copyright Protected - Not provided herein].</p>
	<p>Illmensee, K., &amp; Hoppe, P.C., <i>Cell</i> 23 9-18 (1981).</p>
	<p>Kanka, <i>Mol. Reprod. Dev.</i> 29 110-116 (1991).</p>
	<p>Keefer et al., <i>Biol. Reprod.</i>, 50 935-939 (1994).</p>
	<p>Kono et al., <i>Theriogenology</i>, 35 227 (1991).</p>
	<p>Lavoir et al., <i>Biol. Reprod.</i>, 56 194-199 (1997).</p>

RECEIVED  
FEB 26 2001  
TECH CENTER 1602200

de	Leno & Munshi, <i>J. Cell Biol.</i> 127 (1) 5-14 (1994).
	Modlinski et al. <i>Development</i> 108 337-348 (1990).
	Otaegui, P.J. et al., "Transfer of nuclei from 8-cell stage mouse embryos following use of nocodazole to control the cell cycle" <i>Molecular Reproduction and Development</i> , vol. 39, no. 2, October 1, 1994, pages 147-152.
	Ozil, <i>Development</i> 109 117-127 (1990) [Copyright Protected-Not provided].
	Prather & First, <i>J. Reprod. Fertil. Suppl.</i> 41 125 (1980).
	Prather, <i>Biol Reprod.</i> 37 859-866 (1987).
	Prather et al. <i>Biology of Reproduction</i> 41 414-418 (1989).
	Prather, <i>J. Exp. Zool.</i> 225 355-358 (1990).
	Richie & Campbell, <i>J. Reprod. Fertil. Abstract Series</i> 15 60 (1995) Abstract No. 175.
	Robertson, E.J., <i>Teratocarcinomas &amp; embryonic stem cells: a practical approach</i> , 71-112, IRL Press Oxford (1987).
	Robl, Symposium on Cloning Mammals by Nuclear Transplantation (Seidel ed.) <i>Colorado State University</i> 24-27 (1992).
	Saito et al., <i>Develop. Biol.</i> 201 134-141 (1992).
	Seamark, <i>Reprod. Fertil. &amp; Devel.</i> 6 (5) 653 (1994) Abstract No. 95:4100.
	Sims et al. (1993) <i>Proced. Natl. Acad. Sci.</i> 90, 6143-6147.
	Smith & Wilmut, <i>Biol. Reprod.</i> 40 1027-1035 (1989).
	Solter, <i>Nature</i> , 380 24-25 (1996).
	Spemann, <i>Embryonic Development &amp; Induction</i> , 210-211 Hofner Publishing Co., New York (1938).
	Stanton, <i>Brain Physiology</i> 2 71-83 (1992).
	Stice et al., <i>Biol. Reprod.</i> , 54 100-110 (1996)
	Szollasi et al., <i>J. Cell Science</i> , 91 (Pt. 4) 603-613 (1988).
	Thompson, <i>Biology of Reproduction</i> 53 1385-1391 (1995).
	Tsunoda, <i>J. Reprod. Fertil.</i> 82 173 (1988).
	Tsunoda, <i>J. Reprod. &amp; Fertil.</i> 98 537-540 (1993).
	Westhusin, <i>Biol. Reprod. (Suppl.)</i> 42 176 (1990) Abstract No. 407.
	Wheeler, <i>Reprod. Fertil. Dev.</i> 6 563-568 (1994).
	Whitfield, <i>Control of Animal Cell Proliferation</i> 1 331-365 (1985).
	Whittingham & Wales, <i>Aust. J. Biol. Sci.</i> 22 1065-1068 (1969).
de	Willadsen, <i>In Mammalian Egg Transfer</i> (Adams, E.E., ed.) 185 CRC Press, Boca Raton, Florida (1982).



RECEIVED  
 FEB 26 2001  
 TECH CENTER 1600/2900

	Willadsen, S.M. "Nuclear transplantation in sheep embryos", <i>Nature</i> , vol. 320, no. 6, March 1986, London, GB.	
	Wilmot et al. (1997) <i>Nature</i> 385, 810-813.	
Examiner	<i>Deborah Chonk</i>	Date Considered <i>6/6/01</i>
*Examiner's	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449 <span style="float: right;">Patent and Trademark Office - U.S. Department of Commerce</span>		